GOVERNMENT OF INDIA
MINES
LOK SABHA

STARRED QUESTION NO:635
ANSWERED ON:06.05.2003
MINERAL RESERVES
VSM (RETD.) COL. CHOUDHARY

Will the Minister of MINES be pleased to state:

(a) the details of the mineral reserves in the country at present, State-wise and, mineral-wise;

(b) the demand and supply of minerals during each of the last three years and the current year, State-wise; and

(c) the steps taken by the Government to enhance the production and conservation of minerals in the country?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF MINES (SHRI RAMESH BAIS)

(a) to (c): A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN THE REPLY TO STARRED QUESTION NO. 635 SLATED FOR ANSWER IN THE LOK S
ON THE 6TH MAY, 2003 ASKED BY COL. (RETD.) SONA RAM CHOUDHARY REGARDING MINERAL RESERVES

(a) India produced 64 major minerals including 4 fuel minerals, 10 metallic minerals and 50 non-metallic minerals during 2001-2002. Information on mineral reserves in the country mineral-wise are given in Annexure-I. State-wise deposits of mineral reserves, mineral-wise are given in Indian Mineral Year Book published by the Indian Bureau of Mines(IBM)and copy of said book is supplied to Parliament Library on regular basis.

(b) State-wise demand and supply of minerals are not centrally maintained. However, the production of various minerals during the last three years is given at Annexure-II.

(c) The National Mineral Policy (NMP) 1993 recognized the need for conservation and mineral development along with measures for encouraging private investment including foreign direct investment and attracting state-of-the-art technology in the mineral sector. In pursuance of the NMP, Central Government has thrown open mining sector for private investment including foreign direct investment. All efforts are being made to increase investment in mining sector by creating investment friendly climate and removing bottlenecks to attract such investment. This liberalization is attracting world class companies in mining sector bringing capital and advanced technology in mining sector.

Section 18 of the Mines and Minerals (Development and Regulation) Act, 1957, inter-alia, enjoins upon the Central Government to take all such steps as may be necessary for the conservation and systematic development of minerals in India. In accordance with this Section of the said Act, the Central Government have notified Mineral Conservation and Development Rules, 1988 (MCDR) for conservation and systematic development of minerals.

ANNEXURE II

ANNEXURE II REFERRED TO IN REPLY TO PART (B) OF LOK SABHA STARRED QUESTION No. 635 SLATED FOR AN
ON THE 6TH MAY, 2003 ASKED BY COL. (RETD.) SONA RAM CHOUDHARY REGARDING MINERAL RESERVES

PRODUCTION OF MINERALS (Value in Rs. Crores)

Mineral Unit	2000-2001 Qty	Value	2001-2002(Provisional) Qty	Value	2002-2003(Estimated) Qty.	Value
ALL MINERALS		58772.86		59509.28		61921.08
FUEL		47843.63		48547.56		50336.8
Coal M tonnes	314	20351.97	328	21225.72	340	21957.17
Lignite M tonnes	23	1359.66	24	1390.13	23	1323.93
Natural Gas						

(Utilised) M.C.M.	27860	8070.72	27863	8087.10	29203	8489.22	
Petroleum							
(Crude) M. tonnes	32	18061.28	32	17844.61	33	18566.48	
METALLIC							
MINERALS	3737.34	3806.21	4168.09				
Bauxite `000 t	7993	178.75	8585	191.68	9439	190.62	
Chromite`000 t	1972	364.98	1811	342.29	2247	496.6	
Copper							
Conc. `000 t	164	324.33	164	318.72	153	295.57	
Gold Kg.	2615	123.49	2759	119.75	2873	127.2	
Iron ore`000 t	80762	2126.74	83367	2168.20	86400	2284.02	
Lead Ore `000 t	54	79.80	52	73.62	58	81.97	
Manganese							
Ore `000 t	1595	197.75	1553	208.53	1544	215.23	
Zinc conc`000 t	366	305.48	399	340.63	499	425.68	
Other met.							
Minerals	36.02	43.79	51.2				
NON-METALLIC							
MINERALS	2034.78	1998.40	2259.08				
Apatite `000 t	11	1.52	12	1.65	13	1.82	
Asbestos`000 t	15	2.10	11	1.86	11	1.46	
Barytes `000 t	845	37.56	916	35.08	664	36.87	
Diamond Carats	57407	30.07	81448	39.61	74444	36.54	
Dolomite`000 t	3078	74.90	3088	70.42	3332	89.31	
Fireclay `000 t	441	4.91	368	4.37	389	4.38	
Fluorite							
Conc. `000 t	3	2.16	7	4.51	3	2.3	
Fluorite							
Graded `000 t	44	16.12	48	17.37	2	0.69	
Garnet							
Abrasive `000t	232	6.50	282	8.40	665	16.97	
Gypsum `000 t	2644	44.52	2888	39.96	3117	44.26	
Kaolin `000 t	871	76.00	808	79.26	783	89.47	
Laterite `000 t	606	3.17	572	3.44	503	3.21	
Limestone M.tonnes	127	1346.07	130	1362.24	147	1581.85	
Magnesite `000 t	318	37.24	280	31.89	270	30.66	
Mica tonnes	1154	2.60	1266	3.19	1398	3.36	
Phosphorite `000 t	1351	222.94	1057	173.50	1194	195.98	
Shale `000 t	828	2.71	872	2.97	1253	5.88	
Silicasand `000 t	2358	18.00	1428	13.39	1326	12.99	
Sillimanite`000 t	15	5.87	15	5.41	14	5.23	
Steatite `000 t	596	37.69	549	34.69	620	33.04	
Wollastonite `000 t	122	9.27	135	9.40	178	12.23	
OTHER NON-							
METALLIC MINERALS	52.86	55.79	50.58				
Minor							
Minerals	5157.11	5157.11(R)	5157.11(R)				

R: Previous year`s figures repeated
M.tonnes Million tonnes
`000 t thousand tonnes
MCM: million cubic metres
Kg: Kilograms
#: Exclude the production of fireclay, if any recovered incidental to coal mining

ANNEXURE I

ANNEXURE I REFERRED TO IN REPLY TO PART (A) OF LOK SABHA STARRED QUESTION N0. 635 SLATED FOR AN
ON THE 6TH MAY, 2003 ASKED BY COL. (RETD.) SONA RAM CHOUDHARY REGARDING MINERAL RESERVES

ALL INDIA RESERVES OF NON- FUEL MINERALS (AS ON 1.4.2000)

Unit `000 tones Unless otherwise specified

MINERALS	TOTAL RECOVERABLE RESERVES
Apatite	14110
Asbestos (t)	8161905

Ballclay	49605
Bauxite	252167
Bentonite	380991
Barytes	74224
Calcite (t)	13800261
Chinaclay	1525358
Chromite	97076
Copper	
Ore	537862
Metal	5297
Corundum (t)	32335
Dunite	154476
Diamond (crts)	2643824
Diaspore(t)	1567196
Diatomite	2274
Dolomite	5682290
Feldspar (t)	48001663
Fireclay	542531
Fluorite	3505
Fuller`s earth	228330
Garnet	47703
Gold	
Ore (t)	19750695
Metal (t)	88
Granite (`000 Cu.m)	8664656
Graphite (t)	7991629
Gypsum (t)	286966
Iron Ore	
Hematite (m.t.)	9919
Magnetite (m.t.)	3516
Kynite	4046
Lead & Zinc Ore	176841
Lead metal	2381
Zinc metal	9707
Limestone	75678890
Perlite	1011
Magnesite	287535
Marble	903245
Mica (t)	56799
Manganese ore	191457
Molybdenum	
Ore (t)	13773520
Contained MoS2(t)	6131
Ocher	27364
Phosphorite	142630
Pyrite	100889
Pyrophyllite	16549
Quartz/silica sand	2429097
Quartzite	864710
Rock Salt	3537
Ruby (kg)	469
Sillimanite	52165
Sapphire (kg)	450
Silver	
Ore (t)	153513114
Metal(t) `	4193
Talc/steatite/soapstone	222770
Tin	
Ore (t)	31860621
Metal(t)	500589
Titanium Minerals	
Ilemnite	279841
Rutile	11114
Leucoxene	106
Titaniferrous-magnetite	11079
Tungsten Ore (t)	38110960
Contained WO3 (t)	86532
Vermiculite (t)	810253
Vanadium Ore (t)	11568162
Metal	18656
Wollastonite	9887
Zircon	1789

Note: Figures rounded off. `000cu.m.; Thousand cubic meters. t: Tonnes, Kgs. Kilograme, Crts: Carats/Besides:

(i) Only conditional Resources has been estimated in estimated in respect of minerals Viz. Andalusite(18450), Antimony Ore (10588 tonnes), Borax(74204 tonnes), Cobalt Ore (45 million tonnes), Nickel Ore(188.71 million tonnes), Potash(21625 million tonnes) & Sulphur(native)(210) Reserve/resource not estimated for Emerald (iii) Platinum group of metals (14.20 tonnes) insitu reserve)